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(54) **HYDRAULIC LASH ADJUSTER**

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(57) **ABSTRACT**

An eccentric hydraulic lash adjuster, a combustion engine comprising the eccentric hydraulic lash adjuster, and a method of assembling the combustion engine, the combustion engine including a rocker lever having a nose at a distal end thereof, and a bridge bar extending between two valves, the rocker lever configured to apply pressure on the bridge bar to actuate the two valves, and an eccentric hydraulic lash adjuster positioned in the nose of the rocker lever; and a fuel injector adjacent to the nose of the rocker lever and the bridge bar, wherein the eccentric hydraulic lash adjuster includes a housing having a pivot point and a longitudinal axis offset from the pivot point and is configured to pivot about the pivot point when the rocker lever pivots about the rocker lever shaft, wherein the offset is dimensioned to prevent interference between the nose and the fuel injector.

30 Claims, 6 Drawing Sheets

